

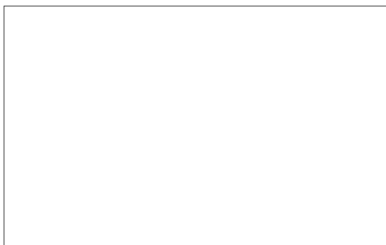
~~TOP SECRET~~



NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

**PHOTOGRAPHIC
INTERPRETATION
REPORT**

**KUANG-CHOU RADIO COMMUNICATIONS
STATION NO. 1
CHINA**



~~TOP SECRET~~

25X1

25X1

SEPTEMBER 1970
COPY NO 113

4 PAGES

PIR-063/70

GROUP 1: EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

Page Denied

25X1

TOP SECRET RUFF

INSTALLATION OR ACTIVITY NAME		COUNTRY
Kuang-chou Radio Communications Station No 1		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	25X1
NA	23-09-20N 113-29-30E	
MAP REFERENCE		
ACIC. US Air Target Chart 200, Sheet 0614-6, scale 1:200,000		

	NEGATION DATE (if required)	25X1
	NA	
	NPIC PROJECT	
	250774	

ABSTRACT

1. The Kuang-chou Radio Communications Station No 1 consists of three towers supporting two medium frequency T-type antennas over two radial systems of ground cables.

2. This report includes a description of the facility, annotated photographs, a line drawing, and mensuration of significant features.

INTRODUCTION

3. The Kuang-chou Radio Communications Station No 1 (Figure 1) is located 12 nautical miles east of Kuang-chou, China, at an elevation of approximately 100 feet above sea level. The surrounding terrain is relatively flat. The facility is not secured.

4. The facility was first seen in November 1964, but the photography was not of sufficient interpretability to identify the antennas by type. The three towers were observed on photography of September 1968, but the radial ground systems were not present. The ground systems were observed under construction in December 1968, but there has been no high-resolution coverage of the facility since that time.

BASIC DESCRIPTION

5. The facility contains three towers (items A, C, and E, Figure 1) which support two medium frequency (MF) T-type antennas (items A-C and C-E). The three towers are not in a linear configuration. Azimuths and distances between the towers and the propagation direction are given in Figure 2. A radial ground system consisting of 60 wire conductors spaced [redacted] apart has been installed under the westernmost antenna. The antenna ground system under the easternmost antenna was under construction

25X1

TOP SECRET RUFF

25X1

Page Denied

Next 1 Page(s) In Document Denied

TOP SECRET RUFF

25X1
25X1

at the time of the December 1968 photography. Dimensions of the ground radials are shown on Figure 2. A coupling building is located in the center of each antenna (items B and D, Figures 1 and 2). The downleads from the T-type antennas between the towers, and the ground radials are attached to these buildings. A small, probable control building (item F, Figure 1) is located on the southern edge of the western antenna ground screen. No other support buildings were observed.

6. The approximate center design frequency for each of the two antennas is estimated, based on antenna size, at 1,560 kilohertz.

REFERENCES

25X1

MAPS OR CHARTS

ACIC. US Air Target Chart 200, Sheet 0614-6, scale 1:200,000

REQUIREMENT

NPIC/IEG/SD/EB Project 250774

25X1

25X1

TOP SECRET RUFF

25X1

TOP SECRET

TOP SECRET